National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

CALIBRATION LABORATORIES **NVLAP LAB CODE 200662-0**

TOVEY ENGINEERING
22602 N. 17th Avenue
Phoenix, AZ 85027-1303
Mr. Michael Tovey
Phone: 623-434-5110 Fax: 623-434-5130
E-Mail: miketovey@toveyengineering.com
URL: http:\\www.toveyengineering.com

NVLAP Code: 20/A01 ANSI/NCSL Z540-1-1994; Part 1 Compliant

MECHANICAL

NVLAP Code: 20/M06
Force

Free Weights

Range	*Best Uncertainty (±) in ppm*[note 1]	*Remarks*
1 gram to 50 lbf	50	Tension & Compression

Dead weight Method

Range in lbf	*Best Uncertainty (±) in ppm*[note 1]	*Remarks*
1 to 550	50	Tension & Compression

March 31, 2005

Effective through

For the National Institute of Standards and Technology

National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

CALIBRATION LABORATORIES **NVLAP LAB CODE 200662-0**

TOVEY ENGINEERING

Transfer Standard Method

Range in lbf	*Best Uncertainty (±) in %*[note 1]	*Remarks*
25 to 110 k	0.025[note 2]	Tension & Compression
50 k to 1000 k	0.05	Compression
50 k to 800 k	0.05	Tension

Indicators - DC mV/V voltage ratio measurement

Range in mV/V	*Best Uncertainty (±) in %*[note 1]	*Remarks*
0 to 10	0.003	

1. Represents an expanded uncertainty using a coverage factor, k=2.
2. Typical uncertainties may be up to 0.05%.

March 31, 2005

Effective through

For the National Institute of Standards and Technology